

ABSTRACT OF THE DISCLOSURE

A machining system and unit, especially a welding cell, is provided for use for the machining of workpieces (2), especially body parts of vehicles. The machining system has one or more machining stations (15, 16) with robots (18, 19, 20) and at least one rotation or turning station (5), which has at least two work stations (6, 7) for carrying out different operations simultaneously. The turning station (5) has at least two multiaxially movable turning units (8, 9) arranged next to one another with said gripping tools (11, 12, 13). The working areas (10) intersect each other at the work stations (6, 7).